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(54) **Liquid crystal medium and liquid crystal display**

(57) The present invention relates to a liquid crystal panel, a liquid crystal display device and to a liquid crystal medium having a negative dielectric anisotropy $\Delta\epsilon$.

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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US 2006/115606 A1 (ICHINOSE HIDEO [JP] ET AL) 1 June 2006 (2006-06-01) * examples 1, 3-5; compounds CC-3-V1 * * claims *	1-20	
A	US 2008/273160 A1 (KIM HYUN-WUK [KR] ET AL) 6 November 2008 (2008-11-06) * claims; example 1 *	1-20	
A	US 2008/117379 A1 (KIM HYUN-WUK [KR] ET AL) 22 May 2008 (2008-05-22) * claims; tables 1,2 *	1-20	
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Place of search The Hague		Date of completion of the search 22 January 2015	Examiner Serbetsoglou, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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